

For Research Use Only

# SCRN1 Polyclonal antibody

Catalog Number: 14303-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 14303-1-AP	<b>GenBank Accession Number:</b> BC040492	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 200 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9805	<b>Recommended Dilutions:</b> WB 1:200-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> secernin 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 46 kDa	
<b>Immunogen Catalog Number:</b> AG5413	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB: A549 cells, HeLa cells, mouse brain tissue
<b>Cited Applications:</b> CoIP, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	

## Background Information

SCRN genes encode protein members of the secernin family including Secernin 1, Secernin 2 and Secernin 3. Function of Secernin 2 and Secernin 3 are so far not well understood. Secernin 1 is a novel 50-kDa cytosolic protein that appears to be involved in the regulation of exocytosis from peritoneal mast cells. Secernin-1 a novel tumor-associated antigen (TAA) and may be a universal marker of different cancer types including gastric cancer, which has been validated by several researches. Measurement of SCR1 can be used in the early detection of cancer or in the surveillance of patients who undergo surgery.

## Notable Publications

Author	Pubmed ID	Journal	Application
Seong-Hun Chang	23211594	Biochem Biophys Res Commun	WB
Xiaoxia Li	38025258	Front Mol Neurosci	WB
Xueyao Ma	37381178	J Mol Cell Biol	CoIP

## Storage

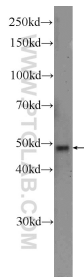
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 14303-1-AP (SCRN1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.